



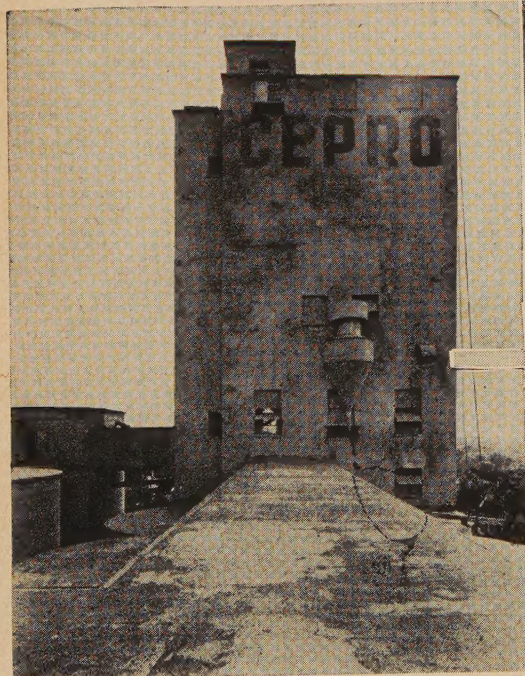
YOUR HOST CITY

Mecca for hundreds of Society of Grain Elevator Superintendent members, associates, and interested allied groups, will be Minneapolis, 20th Anniversary SOGES convention city, May 11-14. With the Mississippi River in the background, an airview of downtown Minneapolis is pictured. The Auditorium is in the foreground and the Foshay tower in the center of the scene is designed after the Washington Monument.

Grain

APRIL 1949

THE MAGAZINE OF PLANT MANAGEMENT AND OPERATION



Every Day The Elements Are Gnawing Away at Your Properties, Eating Up and Tearing Down Your "House Of Cards." Why Not Protect Yourself As Best You Can By Consulting With . . .

It Costs Too Much!

YES, That Right!! . . . It Costs Far Too Dearly To Permit Your Plant Restoration Work To Be Delayed Even a Single Season . . . Those With Costly Past Experience Know That The Rate Of Deterioration **ZOOMS** Upwards With The Passing Of Each Successive Year . . . Hence The Cost Of An Intelligent Periodic Building Maintenance Program Quickly And Profitably Liquidates Itself **IN EVERY WAY!**

YOU, Too, Will Find That Protecting Your Investment Is Especially Wise, Particularly When You Can Depend So Completely Upon . . .

John D. Bolton & Co.

Gunite Contractors

Evanston Trust & Savings Bank Bldg.

Chicago & Main Streets

Evanston Ill.

Grain

Publication Office
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APRIL 1949

THE MAGAZINE OF PLANT MANAGEMENT AND OPERATION

DEAN M. CLARK, Publisher
FRANK J. SLEPICKA, Editor

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SOGES CHAPTER MEETING DATES

1st TUESDAY — Minnesota SOGES Chapter. Henry J. Anderson, Bunge Corp., Minneapolis, President; James Auld, Hales & Hunter Co., St. Louis Park, Secretary.

2nd TUESDAY — Omaha Council Bluffs SOGES Chapter. John T. Goetzing, Rosenbaum Bros., Omaha, President; W. S. Pool, Nebraska-Iowa Elevator, Omaha, Secretary.

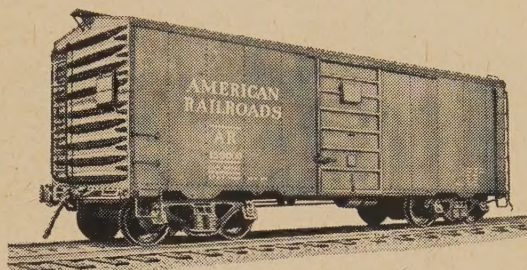
2nd FRIDAY—Central States SOGES Chapter. M. M. Darling, Acme-Evans Co., Indianapolis, President; N. R. Adkins, Ralston Purina Co., Lafayette, Secretary.

3rd TUESDAY—Kansas City SOGES Chapter. Orin Kinman, Cargill, Inc., Kansas City, President; George D. Duncan, Standard Milling Co., Kansas City, Secretary.

3rd TUESDAY — Chicago SOGES Chapter. Edward Anderson, Norris Grain Co., Chicago, President; Harry Hanson, Glidden Co., Chicago, Secretary.

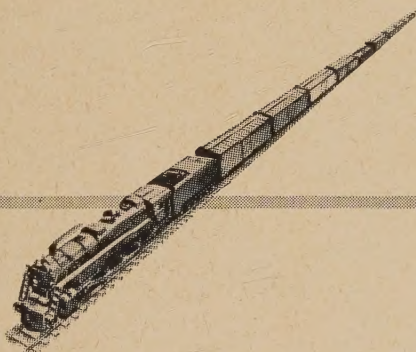
3rd THURSDAY — Buffalo SOGES Chapter. Cornelius Halsted, General Mills, Inc., Buffalo, President; James Burns, Pillsbury Mills, Inc., Buffalo, Secretary.

APRIL 1949



*And the
most thrifty*

The most popular car in America!



Yes, that's it—the familiar freight car, which brings you most of the things you eat, wear, and use.

It does its vital job for you so thriftily that it carries freight for charges which average only about 1½ cents for moving a ton a mile—taking all kinds of freight over all distances.

When the war ended, these charges were no higher—and in many cases were lower—than when war began back in 1939. But prices and wages kept climbing until freight rates had to go up.

Railroad rates, though, went up later than other prices. By the time of the first small increase in freight rates, in the middle of 1946, the average level of other prices had already gone

up more than 40 per cent above 1939.

And freight rates have gone up less than the average percentage increase of other prices—in fact, only about half as much.

So railroad freight charges now represent an even smaller fraction of the prices you pay for the things you buy than they did before the war.

Today, the railroad freight car is not only the most essential car in America—it is also the car that provides the world's thriftiest transportation.

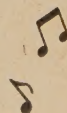
**ASSOCIATION OF
AMERICAN
RAILROADS**

WASHINGTON 6, D. C.



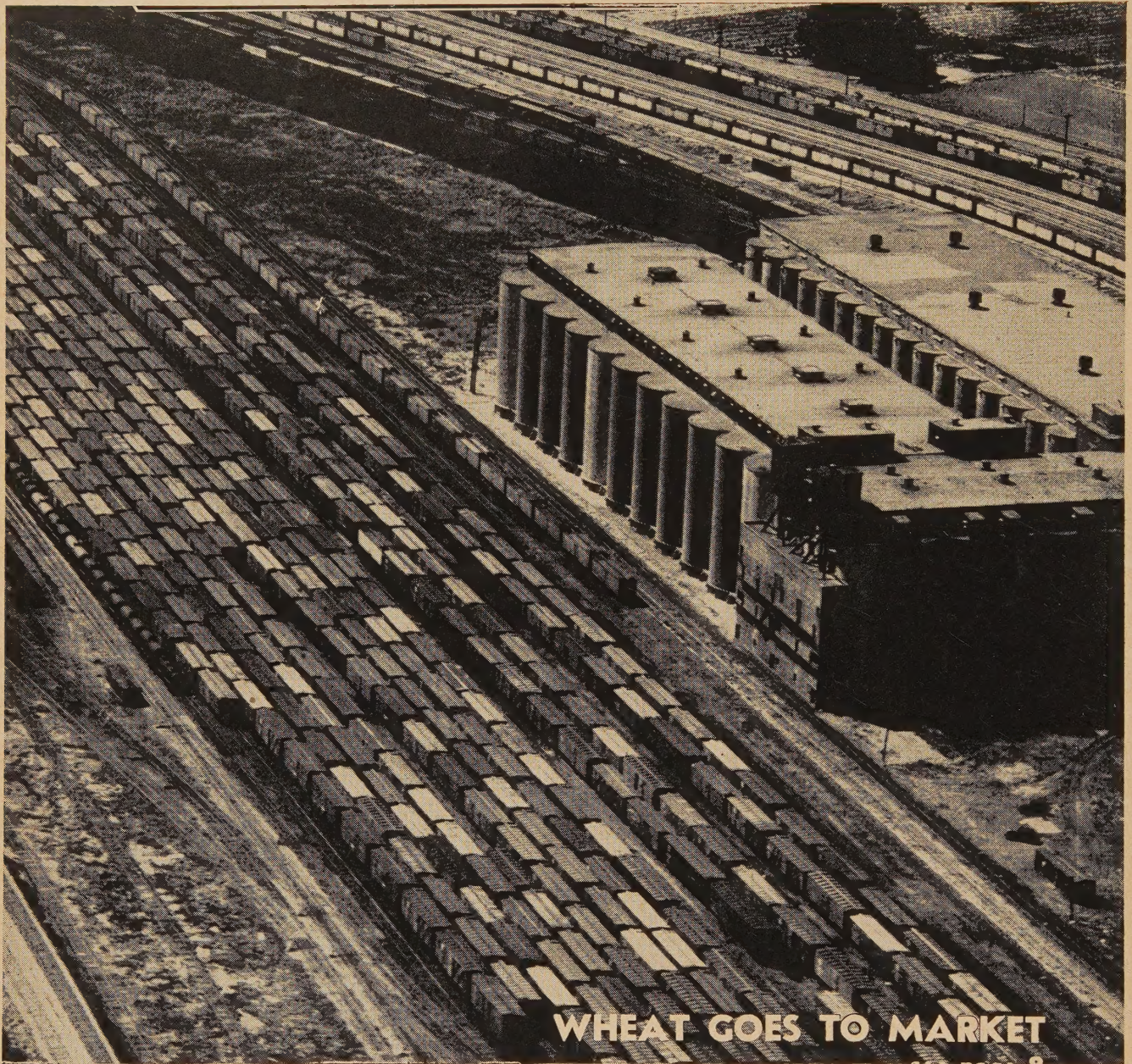
Listen to THE RAILROAD HOUR

presenting the world's great musical shows. Every Monday evening over the ABC Network, 8-8:45 Eastern, Mountain, and Pacific Time; 7-7:45 Central Time.



REMEMBER THIS PICTURE?

WOULD THESE CARS MEAN DEMURRAGE OR AN EMBARGO TO YOU?



WHEAT GOES TO MARKET



If all these cars had arrived the same day—ONE RICHARDSON CAR UNLOADER could have emptied them before demurrage charges began or an embargo threatened.

THE NEW RICHARDSON UNLOADER WILL
HANDLE 50' CARS, TOO!

RICHARDSON SCALE COMPANY

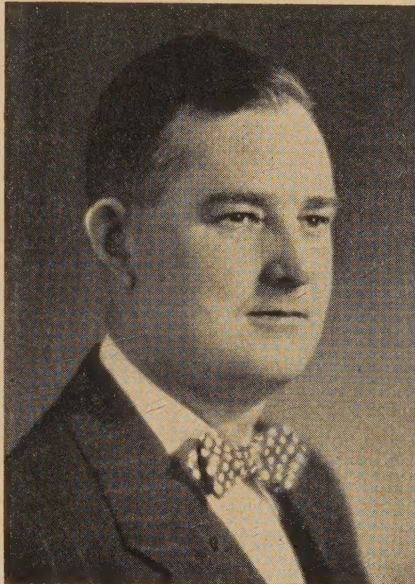
CLIFTON, NEW JERSEY

20th Anniversary Convention of Society of Grain Elevator Superintendents Promises to Set New Attendance Record

MEMBERS of the Society of Grain Elevator Superintendents who have attended past meetings of this association will find that the 20th Anniversary meeting to be held May 11-14 in Minneapolis, promises to bring forth many new faces. Never before, in the annals of the annual meetings, have so many elevator supers evinced a desire to be present for the progressive sessions to be held at the Nicollet Hotel. These initiates will derive the satisfaction that follows the worthwhile four days of effort that characterizes every annual meeting of the Society. The sustained interest that binds a well-knit program together will envelope them throughout the sessions and round table discussions and leave them with a wealth of knowledge that only experience can teach.

As has happened in the past, many of the ideas and questions broached at the annual S.O.G.E.S. meetings, have been developed into practical and progressive applications. This year's program of plant management, operations and production will be no exception. The committees have worked arduously to assure all in attendance a profitable return on the investment of time expended.

Adding to the color of the anniversary business sessions is the Associate members contribution to a successful convention. Exhibits of equipment and other pertinent de-



Clifford A. MacIver, Assistant General Superintendent, Archer-Daniels-Midland Company, Minneapolis. President of the Society of Grain Elevator Superintendents, who will preside at the Organization's 20th Anniversary Convention, May 11-14, at the Nicollet Hotel, Minneapolis. Over 500 elevator, soybean, malt, feed, linseed, starch, cereal, yeast, brewery, distillery, and wholesale seed plant superintendents will participate in the 4-day program of technical, operative and mechanical sessions to which everyone in the industry is cordially invited.

(Gene Garrett Photo)

velopments will be a feature of the four-day quorums. One of the convention highlights is, of course, the Associates' Party, which through the years has become better and better.

During the convention time will be allotted for the inspection of all types of grain handling and grain processing plants in the Minneapolis area to add to the knowledge acquired during the business meetings. The "roundtable" discussions, with their stirring pros and cons, encircle the theories and practices which have made them into an expanded part of the program this year.

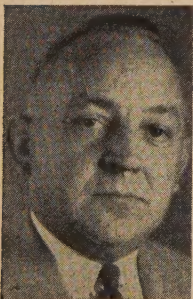
The speakers programmed are among the best-posted authorities in

the industry and associate fields, each an expert in the subject they will discuss. The pattern of the program as outlined devotes time to the various and important aspects of pertinent or broad topics. Car unloading methods, electrical and power applications, dust explosion preventative measures, safety and personnel problems, and all the many operational functions of interest, will be competently analyzed and discussed.

This 20th Anniversary Convention affords every elevator superintendent with the opportunity to not only add to his knowledge of his chosen industry but to give the same opportunity to those associated with him in his company. Perhaps "the boss" and "the assistant" could be the beneficients of the world of "know-how" brought to light at the sessions. Everyone is invited so give the boys a personal invite.

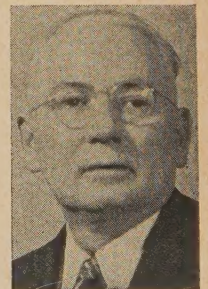
The "missus" will be most cordially entertained during the convention. The Ladies' Committee has a well-rounded program of events and places to keep friend wife happy while you attend the business sessions, etc. Better bring her along.

This may be an unnecessary reminder—Have you made your hotel reservations? If you haven't, do it now. If you have, then just sit back and anticipate the glorious four days of a program planned especially for you.



Charles J. Winters, Supt. Public Grain Elevator, New Orleans, La. 1st vice-president SOGES.

Ward E. Stanley, Supt. Standard Milling Co. Kansas City, Mo. 2nd vice-president SOGES.



LET'S LOOK BACK

(From the Files)

1930 — The first meeting held in Chicago to organize the Society of Grain Elevator Superintendents made up in the enthusiasm of those present for the limited attendance. As the conference proceeded on this day, September 1, the feeling grew that there was a field for the association and that the rank and file of elevator superintendents will give it their support by joining in increasing numbers. Officers elected were: C. E. Wood, Baltimore & Ohio R.R. Elevators, Baltimore, Md., president; E. B. Karp, Burlington R.R. Elevators, Chicago, Ill., vice-president; R. E. Garber, Enid Terminal Elevator, Enid, Okla., vice-president; and Dean M. Clark, Chicago, secretary-treasurer.

1933 — The fifth annual convention of the Society of Grain Elevator Superintendents presented five days of "subject" sessions in Chicago, April 3-7, at which the members had an opportunity to become steeped in major problems. The various sessions dealt with operational, administrative, grain handling and storage, and safety

measures. Officers elected were: Frank L. Neilson, Cargill Elevator Co., Minneapolis, president; H. W. Feemster, Western Maryland R.R. Elevator, Baltimore, 1st vice-president; R. G. Hunt, Port Commission Elevator, Tacoma; D. M. Clark continued as secretary-treasurer.

1939 — The tenth annual convention of the Society of Grain Elevator Superintendents found members traveling from all parts of the United States and Canada. Meeting in Milwaukee, April 2-5, grain elevator and grain processing plant supers met after a decade of hard work and seemingly endless struggle through depression years, with the Society now occupying an enviable niche in the grain and allied trades. A full program of sessions covering pertinent authoritative discussions were conducted. Officers elected were: T. C. Manning, Uhlmann Grain Co., Kansas City, president; Gilbert Lane, Arcady Farms Milling Co., Chicago, 1st vice-president; P. C. Poulton, N. M. Paterson & Co., Ltd., Fort

William, 2nd vice-president; D. M. Clark, Chicago, secretary-treasurer.

1944 — The fifteenth annual convention of the Society of Grain Elevator Superintendents will go down in the annals of that progressive body as tops. Even with the enviable record and reputation for hard work and accomplishment this sizeable association has established, the recently convened conference held in Chicago was impressive from every angle. Sessions held were energetic and forceful and had in attendance many younger delegates. The Society was complimented by many for its record of excellent accomplishments. Officers elected were: Herbert C. Brand, Quaker Oats Co., Cedar Rapids, president; Harold Wilber, A. E. Staley Mfg. Co., Decatur, Ill., and John Belanger, Manitoba Pool Elevators, Ltd., Port Arthur, vice presidents; D. M. Clark, secretary-treasurer.

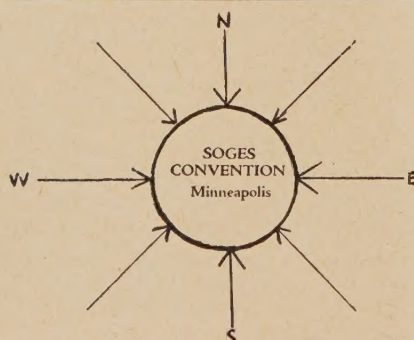
1949 — The twentieth anniversary convention of the Society of Grain Elevator Superintendents — come and see and enjoy.



Ernest O. Ohman, Supt. Shoreham Elevator, Minneapolis, vice-president Minneapolis Chapter.



James Auld, Supt. Belco Elevator, Minneapolis, Secretary Minneapolis Chapter.



MAY 11-14
NICOLLET HOTEL . MINNEAPOLIS



John Belanger, Supt. Pool Elevator No. 9, Manitoba, immediate past president SOGES.



Grover C. Meyer, Engineer, Kansas City Power & Light Co., Kansas City, Associates' Party Chairman.

THE ASSOCIATES' PARTY

One of the features of an S.O.G.E.S. convention is the annual Associates' Party which has always gone over and not under the supers' expectations. The party has always been in the hands of able committees and under the direction of Grover C. Meyer, Kansas City Power & Light Co., this convention's annual banquet and enter-

tainment program will be one of the social highlights. The Associates' reception and party will be held Saturday evening, May 14, to draw the curtain on the 20th annual convention. It is always a fitting finale for an always worthwhile meeting of the members of the Society of Grain Elevator Superintendents.

K. C. SUPERS TO CONVENTION

A letter from W. H. Gravatt, Ass't superintendent, Santa Fe elevator, Kansas City, states, "I think Kansas City will have a good delegation to the convention this year as the new time arrangement is much more attractive. More members are beginning to realize the value of these meetings."

CONVENTION COMMITTEES

General Convention Chairman; Robert R. Bredt, Fruen Milling Co.

Ass't Convention Chairman: Henry J. Anderson, Bunge Corp.

Convention Sec'y-Treasurer: James Auld, Hales & Hunter Co.

Finance: Paul H. Christensen, Van Dusen-Harrington Co., Chairman. Ira Willis, Superior Separator Co.

Publicity: Henry J. Anderson, Bunge Corp., Chairman. E. J. Raether, Seedburo Equipment Co., Carl Thomer, Strong-Scott Mfg. Co.

Reception: Robert L. Ranney, Ralston Purina Co., Chairman. Raymond Bakke, Pillsbury Flour Mills. Lloyd Stoppel, Bethlehem Steel Corp. George Patchin, Appraisal Service Co.

House: Smith L. Champlin, Archer-Daniel-Midland Co., Chairman. Harmon F. Norton, Apple River Mill Co. Ormand Freund, Rahr Malting Co.

Transportation: Maynard Losie, Hallett & Carey Co., Chairman. Clarence C. Bach, Archer-Daniels-Midland Co. Walfred Auguston, Van Dusen Harrington Co. E. N. Dietmeier, Archer-Daniels-Midland Co.

Banquet: Hill F. Shepardson, Hart-Carter Co., Chairman. Ernest O. Ohman, Osbornie McMillan Elevator Co.

Associates: Frank J. Kohout, A. C. Horn Corp., Chairman. A. B. Osgood, The Day Co. Walter Kostick, R. R. Howell Co. Robert Crane, Anderson Crane Rubber Co.

Ladies Entertainment: Robert W. Morgan, W. S. Nott Co., Chairman.

CONVENTION FLIGHTS CHICAGO TO MINNEAPOLIS

S.O.G.E.S. members, associates and friends planning to travel by air to the convention at Minneapolis will find that the Northwest Airlines have 8 flights per day from Chicago to Minneapolis. The schedule:

Leave Chicago (C.S.T.)	Arrive Minneapolis
7:00 A.M.	8:50 A.M.
7:30 A.M.	9:55 A.M.
12:45 P.M.	2:45 P.M.
2:15 P.M.	4:05 P.M.
4:10 P.M.	6:25 P.M.
5:30 P.M.	7:20 P.M.
6:30 P.M.	8:20 P.M.
10:00 P.M.	11:59 P.M.

If enough members warrant the flight, a special S.O.G.E.S. plane will be on charter leaving Chicago at 9:15 A.M. Wives and children of members will ride at half-price on Monday, Tuesday and Wednesday. For flight reservation: write William J. Glennon, Northwest Airlines, 100 S. Michigan Ave., Chicago 3, Illinois. Flight rates, with tax: \$22.48 one way and \$42.67 round trip; half-fare, \$11.27 one way and \$21.45 round trip.

PRESIDENTS OF THE SOGES

*Christopher E. Wood, General Superintendent, Baltimore & Ohio Railroad Elevators, Baltimore, Md., Sept. 1, 1930 until his death on Aug. 13, 1931.

†Elmer H. Karp, General Superintendent, Burlington Railroad Elevators, Chicago, to fill President Wood's unexpired term.

†Arthur C. Benson, Superintendent, Arrows Mills, Inc., Texas City, Tex., March 30, 1932 to April 7, 1933.

*Frank L. Neilson, Vice President, Cargill, Inc., Minneapolis, April 7, 1933 to June 12, 1934.

William H. Gassler, General Superintendent, Rosenbaum Brothers, Chicago, June 12, 1934 to April 2, 1935.

Oscar W. Olsen, General Superintendent, F. H. Peavey & Co., Duluth, April 2, 1935 to June 15, 1936.

*Henry S. Cox, Superintendent, Rialto Elevator, Star Grain Division, General Mills, Inc., Chicago, June 15, 1936 to June 16, 1937.

†Sigurd S. Orstad, Resident Manager, Federal Grain, Ltd., Fort William, June 16, 1937 to March 30, 1938.

†Edward J. Raether, Superintendent, Brooks Elevator Corp., Minneapolis, March 30, 1938 to April 5, 1939.

†Ted C. Manning, General Superintendent, Uhlman Grain Co., Kansas City, Mo., April 5, 1939 to April 3, 1940.

Percy C. Poulton, General Superintendent, N. M. Paterson & Co., Ltd., Fort William, April 3, 1940 to June 11, 1941.

Paul H. Christensen, General Superintendent, Van Dusen-Harrington Co., Minneapolis, June 11, 1941 to April 11, 1942.

Gilbert P. Lane, Plant Manager, Arcady Farms Milling Co., Chicago, April 11, 1942 to June 19, 1943.

R. B. Pow, Resident Manager, Reliance Grain Co., Ltd., Fort William, June 19, 1943 to June 17, 1944.

†Herbert C. Brand, Superintendent of Elevators, The Quaker Oats Co., Cedar Rapids, June 17, 1944 to May 25, 1946.

Harold C. Wilber, Superintendent of Elevators, A. E. Staley Manufacturing Co., Decatur, Ill., May 25, 1946 to May 17, 1947.

John Belanger, Manitoba Pool Elevators, Ltd., Port Arthur, Ont., May 17, 1947 to May 17, 1948.

Clifford A. MacIver, Assistant General Superintendent, Archer-Daniels-Midland Co., Minneapolis, Minn. Elected May 17, 1948.

*Deceased.

†Retired.

†In Other Business Now.

1849—1949

MINNESOTA CENTENNIAL YEAR

The Society of Grain
Elevator Superintendents
extends its congratulations
and is indeed proud that their
20th Anniversary Convention is
a part of the Minnesota Centennial
program for 1949.

THE RECORD

Sept. 1, '30, Sherman Hotel, Chicago.
April 6-8, '31, Sherman Hotel, Chicago.

Oct. 12-14, Rice Hotel, Houston, Tex.
March 28-30, '32, Sherman Hotel, Chicago.

April 3-7, '33, Sherman Hotel, Chicago.

Feb. 10-12, '34, Statler Hotel, Buffalo.
June 8-11, '34, Sherman Hotel, Chicago.

March 30-31, April 1-2, '35, Schroeder Hotel, Milwaukee, and Sherman Hotel, Chicago.

June 12-15, '36, Hotel Duluth, Duluth, and Hotel Nicollet, Minneapolis.

June 14-16, '37, Royal Edward Hotel, Fort William, and Prince Arthur Hotel, Port Arthur.

March 27-30, '38, Hotel Continental, Kansas City, Mo.

April 3-5, '39, Hotel Pfister, Milwaukee.

April 1-3, '40, Royal York Hotel, Toronto.

June 9-11, '41, Hotel Radisson, Minneapolis.

April 9-11, '42, Paxton Hotel, Arthur.

June 18-20, '43, Hotel Duluth, Duluth, and June 21, Port William-Port Arthur.

June 15-17, '44, Medinah Club, Chicago.

May 23-25, '46, Hotel Roosevelt, Cedar Rapids.

May 15-17, '47, Hotel Continental, Kansas City, Mo.

May 13-15, '48, Hotel Claypool, Indianapolis, Ind.

May 11-14, '49, Nicollet Hotel, Minneapolis, Minn.

CONVENTION BANQUET SUGGESTIONS

Does your soup burn you? Then gargle it for four minutes. This will be much better than trying to hide it in your napkin.

Should a bone stick in your throat, do not cough it across the room. Rather modestly reach for it with your fork, but for Goodness Sake don't make a fuss about it.

Should you bite your tongue, don't swear. Just let it hang out until thoroughly cooled. This will apprise the other guests of your bite and relieve your feelings.

Should a hunk of steak jump off your plate, grab it quickly and throw it at your meekest neighbor. This will awaken him and help to make the dinner merry.

Should you eat so much that you really need to unbutton something, go behind the door and do it.

Should you accidentally splatter the table cloth, absent-mindedly cover it with a piece of buttered rye bread. Be sure to place the buttered side down so as to prevent it slipping off the spot.

20th Anniversary Program of Superintendents' Meeting to Cover All Phases

Management--Operation--Safety--Maintenance

Semi-Final Draft of Program 20th Annual Convention SOCIETY OF GRAIN ELEVATOR SUPERINTENDENTS

Nicollet Hotel — Minneapolis, Minn.

May 11 - 12 - 13 - 14, 1949

Registration Fees: Men—\$3.50, Joint Meals \$9.50,
Total \$13.00

Ladies—\$2.50, Joint Meals \$7.50, Total \$10.00

Men's Registration Fee: Two days, \$2.50; One day, \$1.50

WEDNESDAY MORNING, MAY 11

(All Time Shown is Central Standard Time)

8:00 Registration, Mezzanine Floor, Nicollet Hotel

Presiding: Clifford A. MacIver,
Archer-Daniels-Midland Co.,
Minneapolis, President, S.O.G.E.S.

9:30 Mezzanine Floor, Parlor E—Executive Meeting of Officers and Directors, Chapter Presidents and Secretaries, and Past Presidents

Election of Officers and Directors for 1949-50

10:30 Same room—Pre-Convention Meeting of Program Participants, Symposium Round-Table and Panel Leaders and Records, Officers and Directors, et al.

WEDNESDAY LUNCHEON

and

AFTERNOON SESSION

Presiding: Clifford A. MacIver,
Archer-Daniels-Midland Co., Minneapolis,
President, S.O.G.E.S.

12:15 Minnesota Terrace Room, 1st Floor—Luncheon
(Courtesy of Minneapolis Chapter)

1:30 Call to Order: Opening Remarks—President MacIver
Opening Address—Arthur M. Hartwell, Vice-President General Mills, Inc., President Minneapolis Grain Exchange

Response—R. B. "Bart" Pow, Reliance Grain Co. Ltd., Fort William, Past President S.O.G.E.S.

President's Report—President MacIver

Secretary-Treasurer's Report — Dean M. Clark
"GRAIN", Chicago

Standing Tribute to Departed Members:

Raymond E. Frank, Peerless Mill Supply Co., Inc., Buffalo, deceased December 9, 1948—joined S.O.G.E.S. January, 1948;

Phil Grotevant, S. Howes & Co., Harvey, deceased December 11, 1948—joined S.O.G.E.S. October, 1931

Committee Appointments — Safety, Dust Explosion, Auditing, Resolutions, New Membership, Nominations, et al.

SYMPOSIUM ON PAPER GRAIN DOORS

Presiding: Charles J. Winters,
Public Grain Elevator, New Orleans,
First Vice-President S.O.G.E.S.

2:30 Minnesota Terrace Room, 1st Floor

Panel Consultants: Robert R. Bredt, Fruen Milling Co., Minneapolis—General Convention Chairman, Director S.O.G.E.S.

T. Aldo Johnson, Traffic Manager, Van Dusen-Harrington Co., Minneapolis

W. L. Harvey, Association of American Railroads, Minneapolis

J. E. Larson, Western Weighing & Inspection Bureau, Chicago

George Murphy, The Signode Company, Chicago

SYMPOSIUM ON CAR UNLOADING

Moderator: Oscar W. Olsen,
F. H. Peavey & Co., Duluth,
Past President, S.O.G.E.S.

3:15 Minnesota Terrace Room, 1st Floor

Panel: Vice-Chairman, Harold C. Wilber, A. E. Staley Mfg. Co., Decatur, Ill., Past President, S.O.G.E.S.

Frank E. Carlson, Underwriters Grain Association, Chicago

Mentor C. Addicks, Chief Mechanical Engineer, Car-gill, Incorporated, Minneapolis

J. F. MacDonald, Mechanical Engineer, General Mills, Inc., Minneapolis

Walter A. Kostick, R. R. Howell Co., Minneapolis

Arthur B. Osgood, The Day Co., Minneapolis

A. D. Sinden, Chief Engineer, Stephens-Adamson Mfg. Co., Aurora, Ill.

All Others Interested in this Subject and/or Having Ideas to Contribute Towards Solving this Problem—Discussion Unlimited

WEDNESDAY EVENING

7:00 East Room, Mezzanine Floor—Official Opening of Exhibit Hall Featuring New, Improved, Specialized Efficiency, Economy, Safety, and Man-Power Aids

7:30 Committee's Meetings (Contact your Chairman for Location)

THURSDAY MORNING

8:00 Registration, Mezzanine Floor

Exhibit Hall, East Room, Mezzanine Floor

Presiding: Paul H. Christensen,
Van Dusen-Harrington Co., Minneapolis,
Past President, S.O.G.E.S.

9:00 Grand Ball Room, Mezzanine Floor

Today's Challenge to Americans—Bradshaw Mintener, Vice President & General Counsel, Pillsbury Mills, Inc., Minneapolis

Discussion

9:30 Announcements—Robert R. Bredt, Fruen Milling Co., Minneapolis—General Convention Chairman, Director S.O.G.E.S.

FIRST ROUND TABLE SESSION

9:45 Minnesota Terrace Room, 1st Floor

CORN and DRYING — Grading, Handling, Storing, Processing, et al.—Chairman, Paul H. Christensen, Van Dusen-Harrington Co., Minneapolis—Past President, S.O.G.E.S.

Vice-Chairman, Harold C. Wilber, A. E. Staley Mfg. Co., Decatur, Illinois, Past President, S.O.G.E.S.

Recorder, Vincent Blum, Omaha Elevator Co., Council Bluffs

9:45 Hennepin Room, Mezzanine Floor

BARLEY and MALTING—Grading, Handling, Cleaning, Sizing, Storing, Malting, Processing, et al.

Chairman, Henry Bowman, G. J. Meyer Malt & Grain Co., Buffalo

Vice-Chairman, Henry Anderson, Bunge Corp., Minneapolis

Recorder, Lloyd Forsell, Albert Schwill & Co., Chicago, Director S.O.G.E.S.

9:45 Junior Ballroom, Mezzanine Floor

POWER and TRANSMISSION — Energy Problems, Transmission, Drives, Installations, Belt Slippage, Chair and Wire Rope Maintenance, Repairs, et al.

Chairman, Arthur J. J. Meyer, McCabe Bros. Grain Co. Ltd., Fort William, Director S.O.G.E.S.

Vice-Chairman, Jerry Lacy, West Central Cooperative Grain Co., Omaha

Recorder, Leonard J. Danielson, Arcady Farms Milling Co., Chicago

11:30 Demonstrations, East Room, Mezzanine Floor

GET ACQUAINTED LUNCHEON

**Presiding: Ward E. Stanley,
Standard Milling Co., Kansas City,
Second Vice-President S.O.G.E.S.**

12:15 Minnesota Terrace Room, 1st floor

1:15 Free Enterprise—Robert C. Woodworth, Vice-President, Cargill, Incorporated, Minneapolis

SECOND ROUND TABLE SESSION

2:00 Minnesota Terrace Room, 1st Floor

WHEAT and RYE—Grading, Handling, Cleaning, Storing, Processing, et al.

Chairman, Claude Darbe, Simonds-Shields-Theis Grain Co., Kansas City, Director S.O.G.E.S.

Vice-Chairman, John A. Mack, Standard Milling Co., Buffalo, Director S.O.G.E.S.

Recorder, Philip S. Hackney, Pillsbury Mills, Inc., Wichita, Kansas

2:00 Hennepin Room, Mezzanine Floor

FEED and CEREAL—Analyzing, Handling, Blending, Milling, Packing, et al.

Chairman, Jack Kitching, G.L.F. Elevator, Buffalo

Vice-Chairman, Lewis Inks, Quaker Oats Co., Akron, Ohio

Recorder, Robert Ranney, Ralston-Purina Co., Minneapolis

2:00 Junior Ballroom, Mezzanine Floor

ELEVATING and CONVEYING—Belt, Chain, Pneumatic and Screw Conveyors and Elevators and Spouting for Bulk and Sacked Grain Products, et al.

Chairman, Les Irwin, Searle Terminal Co. Ltd., Fort William

Vice-Chairman, O. B. Duncan, Saline Terminal Elevator Co., Kansas City

Recorder, J. Bruce Winfield, Canadian Pacific Railway Elevator, Port McNicoll, Ont., Director S.O.G.E.S.

THIRD ROUND TABLE SESSION

3:30 Minnesota Terrace Room, 1st Floor

REPAIRS and MAINTENANCE—Millwright Training, Structural Maintenance, Lubrication and Maintenance of Cleaners, Legs, Conveyors, and Other Mechanical Equipment, et al.

Chairman, M. M. "Mac" Darling, The Glidden Co., Indianapolis, Director S.O.G.E.S.

Vice-Chairman, John Belanger, Manitoba Pool Elevators, Ltd., Port Arthur, Immediate Past President S.O.G.E.S.

Recorder, Smith Champlin, Archer-Daniels-Midland Co., Minneapolis

3:30 Hennepin Room, Mezzanine Floor

SOYBEANS and FLAX—Grading, Cleaning, Handling, Storing, Crushing, Meal Handling, et al.

Chairman, Henry Green, Pillsbury Mills, Inc., Clinton, Iowa

Vice-Chairman, Albert V. Murray, Archer-Daniels-Midland Co., Buffalo

Recorder, Harry Hanson, The Glidden Co., Chicago

3:30 Junior Ballroom, Mezzanine Floor

PERSONNEL RELATIONS—Hiring and Training Workers, Establishing Work Standards and Incentive Procedures, Negotiating Labor Agreements, Arbitrating Grievances, Directing Accident Prevention Programs, Dealing with Housekeeping and Dust Explosion Hazards, et al.

Chairman, Robert R. Bredt, Fruen Milling Co., Minneapolis, Director S.O.G.E.S.

Vice-Chairman, David K. Milligan, Port Authority Grain Elevator, New York

Recorder, Ernest Ohman, Osborne-McMillan Elevator Co., Minneapolis

5:00 Demonstrations, East Room, Mezzanine Floor

THURSDAY DINNER MEETING

**Presiding: Charles J. Winters,
Public Grain Elevator, New Orleans,
First Vice-President S.O.G.E.S.**

6:30 Grand Ballroom, Mezzanine Floor

7:30 Illustrated Talk—World Economics and the Grain Handling and Processing Business (Speaker to be announced shortly)

9:00 Demonstrations, East Room, Mezzanine Floor

FRIDAY MORNING

8:00 Registration, Mezzanine Floor

Exhibits, East Room, Mezzanine Floor

**Presiding: Robert R. Bredt, Minneapolis,
Director S.O.G.E.S.**

9:00 Sampling and Grading Grain in Cars—Ron Kennedy, Secretary Northwest County Elevator Association; Terminal Elevator Association, Minneapolis

ACCIDENT AND INJURY PREVENTION SESSION

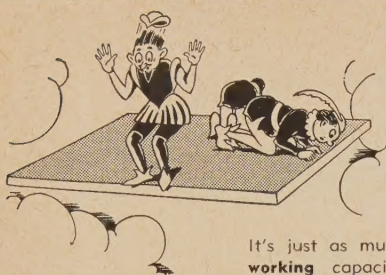
**Presiding: Oscar W. Olsen,
F. H. Peavey & Co., Duluth,
Past President, S.O.G.E.S.**

9:30 Grand Ballroom, Mezzanine Floor

Our Investment in Safety is Worth the Cost—P. L. Backmann, Safety Director, General Mills, Inc., Minneapolis

Our S.O.G.E.S. Safety Experience is Slowly Improving—Chairman Olsen

Wouldn't You Like to Know . . . ?—Clarence W. Turning, Minneapolis, S.O.G.E.S. Safety Contest Director



Folks Used To Think The World Was Flat!

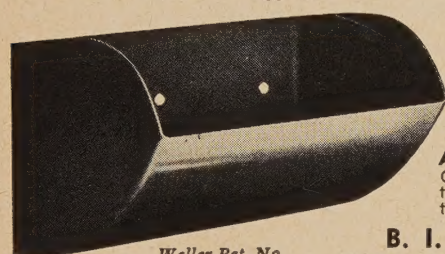
It's just as much of a mistake to think the **working** capacity of an elevator cup can **always** be determined by its **content** capacity. Capacity doesn't mean anything unless an elevator bucket discharges **completely**.

Remember it's the **amount** of material **discharged** that counts. And bear in mind, the cup with the Logarithmic Curve design . . . the

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completely discharges the super capacity loads it scoops up in elevator boot. Provides maximum **working** capacity. Eliminates back-logging.

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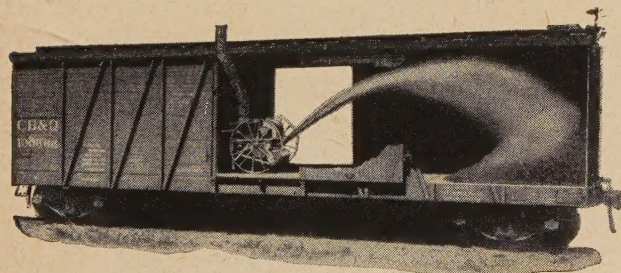


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that really **means** something.

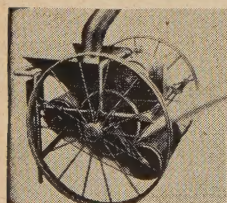
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MFG. CO.

Tellelevel-Bin Level Controls. Car Loaders Car Pullers Winches
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72 RIDGEWAY AVE., AURORA, ILLINOIS

Unusual Accidents and What Was Done to Prevent Their Recurrence—Audience

Mechanical Experiments for Safety to Life and Property—Audience

Value of Occupational Safety Conferences—Robert Ranney, Ralston-Purina Co., Minneapolis

CHAPTER PROBLEMS STUDY SESSION

Presiding: **Robert R. Bredt, Minneapolis,**
Director S.O.G.E.S.

- 11:00 Grand Ballroom, Mezzanine Floor
Discussion of Chapter Problems; Programs, Attendance, New Members, Managers' Night, Foremen's Night, Ladies' Night, Associates' Participation, Plant Tours, New Chapters, et al.

FISH AND CHIPS LUNCHEON

- 11:45 Chartered Busses, Nicollet Avenue Side of Hotel, to Columbia Manor House
12:15 Fish and Chips Luncheon—courtesy Hart-Carter Co., Minneapolis
1:15 Announcements—R. R. Bredt; Hill Shepardson, Hart-Carter Co., Minneapolis

"POSTMEN'S HOLIDAY" TOURS

- 1:30 Conducted tours through Hart-Carter Company's plant, and as many other special trips through various grain handling and grain processing plants as you desire and as time allows.
3:30 Uncompleted Round Table Discussions, Committee Meetings, et al., Demonstrations, East Room, Mezzanine Floor

FRIDAY EVENING

- 7:00 Demonstrations, East Room, Mezzanine Floor
Committee Meetings

SATURDAY MORNING

- 8:00 Registration, Mezzanine Floor
Exhibits, East Room, Mezzanine Floor
Presiding: **Clifford A. MacIver**
9:00 Grand Ballroom, Mezzanine Floor
Recorders' Review of Round Table Discussions:
CORN and DRYING—Vincent Blum, Omaha
BARLEY and MALTING—Lloyd Forsell, Chicago
POWER and TRANSMISSION—Leonard J. Danielson, Chicago
WHEAT and RYE—Philip S. Hackney, Wichita
FEED and CEREAL—Robert Ranney, Minneapolis
ELEVATING and CONVEYING—Bruce Winfield, Port McNicoll
REPAIRS and MAINTENANCE — Smith Champlin, Minneapolis
SOYBEANS and FLAX—Harry Hanson, Chicago
PERSONNEL RELATIONS—Ernest Ohman, Minneapolis

- 10:00 Panel Discussion—Grain Storage and Processing, et al.
Presiding: **Charles J. Winters**

Panel Consultants:

Paul Christensen, Minneapolis
Henry Bowman, Buffalo
Claude Darbe, Kansas City
Jack Kitching, Buffalo
Henry Green, Clinton, Iowa

- 10:45 Panel Discussion—Maintenance and Personnel, et al.
Presiding: **Ward E. Stanley**

Panel Consultants:

Arthur Meyer, Fort William
Les Irwin, Fort William
M. M. Darling, Indianapolis
Robert R. Bredt, Minneapolis

11:30 1950 Convention Discussion; Location, Program, Suggestions, et al.

SATURDAY AFTERNOON

Presiding: Clifford A. MacIver

1:15 Business Session (Attended by Voting Members in Good Standing only)

Committee Reports: Safety, Dust Explosion, Auditing, Resolutions, New Membership, Nominations, et al.

Unfinished Business

New Business

Election of Directors

Adjournment

2:30 Parlor E, Mezzanine Floor
Directors' Meeting

Demonstrations, East Room, Mezzanine Floor

SATURDAY EVENING

5:00 Junior Ballroom, Mezzanine Floor
S.O.G.E.S. Associates' Reception

Presiding: Grover C. Meyer,
Kansas City Power & Light Co.,
General Chairman, S.O.G.E.S. Associates' Committee

6:15 Grand Ballroom, Mezzanine Floor—Annual Banquet

7:15 Awarding of Annual Safety Trophies—Oscar W. Olsen, Duluth

Formal Program

S.O.G.E.S. Associates' Entertainment Program

S.O.G.E.S. Associates' Dancing Program

Ladies' Entertainment

Wednesday, 3:00-5:00 P.M. Afternoon Tea, Junior Ballroom, Mezzanine Floor—Courtesy Archer-Daniels-Midland Co., Minneapolis

Thursday, 9:00 A.M. Bus Tour of Twin Cities

11:45 A.M. Luncheon, Dayton's "Sky Room", Courtesy Superior Separator Company, Hopkins, Minn., and Northland Machinery Supply Co., Ltd., Fort William

6:30 P.M. Dinner, Grand Ballroom

Friday, 9:30 A.M. Tour of Betty Crocker Kitchen

11:00 A.M. Bus Trip to Lake Minnetonka

12:00 Noon Luncheon, Lafayette Club—Courtesy Minneapolis S.O.G.E.S. Associates

3:00 P.M. Reception—Courtesy B. J. Many Co., Inc., Chicago (Reception at Minnesota Terrace Room of Nicollet Hotel)

Saturday, 5:00 P.M. Reception, Junior Ballroom, Mezzanine Floor—Courtesy S.O.G.E.S. Associate Members' Contributors

6:00 P.M. Banquet, Grand Ballroom, Mezzanine Floor

Acknowledgements

Corsages Screw Conveyor Corp., Hammond, Ind.

Tickets and Printing R. R. Howell & Co., Minneapolis

Table Flowers Screw Conveyor Corp., Hammond, Ind.

Exhibitors at S. O. G. E. S.

Convention

Barring last minute changes the following companies will use exhibit space at the 20th Annual Convention of the Society of Grain Elevator Superintendents, May 11-14, in Minneapolis at the Nicollet Hotel. The firms will have personnel on hand to provide authoritative information about their products, equipment and operative methods. Plan on seeing every one of the exhibits.

Cook Chemical Company, Kansas City, Mo.
Corn State Hybrid Service, Des Moines, Ia.
The Day Company, Minneapolis, Minn.
Louis Delivuk & Company, Spokane, Wash.
Flour City Brush Company, Minneapolis, Minn.
Gerber Sheet Metal Company, Minneapolis, Minn.
The Hart-Carter Company, Minneapolis, Minn.
R. R. Howell Company, Minneapolis, Minn.
Innis, Speiden & Company, New York, N. Y.
Jacobson Machine Works, Minneapolis, Minn.
W. S. Nott Company, Minneapolis, Minn.
Seedburo Equipment Company, Chicago, Ill.
Superior Separator Company, Hopkins, Minn.
Western Waterproofing Company, St. Louis, Mo.
Westinghouse Electric Corporation, Pittsburgh, Pa.

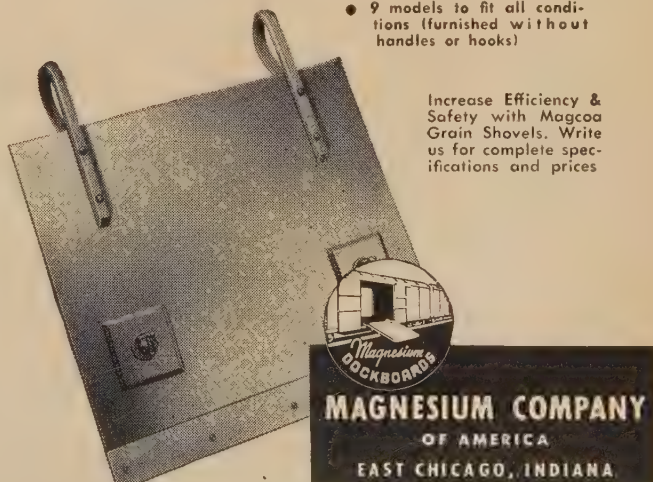
At this writing among the additional firms likely to be exhibitors are W. D. Allen Mfg. Company, Chicago, Ill., Arid-Aire Mfg. Company, Minneapolis, Minn., Haaky Mfg. Company, St. Paul, Minn., and the Cuthbert Company, Inc., Minneapolis, Minn.

NOW...MAGNESIUM LIGHTNESS IN GRAIN SHOVELS

Imagine a grain shovel 28" by 32" made of metal, yet weighing only 19½ lbs. That's what you get in magnesium—the new lightweight miracle metal. MAGCOA Grain Shovels will save you money over a period of time because of their greater resistance to wear and greater handling efficiency.

- Easy, non-fatiguing to handle
- Sturdy, long-wearing rigid construction
- Reinforced at stress points for greater strength
- Balanced design for maneuverability
- Quickly reversible and replaceable striker plates assuring long service
- Non-sparking, eliminates explosion hazards

- 9 models to fit all conditions (furnished without handles or hooks)



- EASTERN DIVISION: 30 Rockefeller Plaza, New York 20, N. Y.
- WESTERN DIVISION: 831 S. Flower St., Los Angeles 14, Calif

Safety Award Trophies to Be Presented at S.O.G.E.S. Convention

Overall Record—Greatly Improved

After the rather dismal S.O.G.E.S. Safety Contest report covering 1947, it is most encouraging to read the 1948 figures as compiled by Clarence Turning, the association's auditor of safety program affairs. The attention given the contest has borne fruit during 1948 and the added incentive to improve accident-prevention in the industry has turned the tide toward improvement of the contest record. For the past year the frequency rate of 23.91 is lower than the 1947 rate of 32.58 and the 1946 rate of 30.21. The severity rate during 1948 of 3.09 compares favorably with that of 7.12 in 1947 but is high above the 1946 rate of .70. However, it should be noted that 1,284,650 more man hours were worked in 1948 over 1947 and 1,382,186 more than in 1946.

It is certain that greater effort for greater caution in the daily work at grain handling and grain processing plants will have to be made to attain minimum accident records. Most of the time lost through injuries in most cases can be blamed on some individual recklessness, carelessness, or faulty equipment. But the fact remains that it must be impressed upon the individual as an individual that he has a personal interest in achieving a accident minimum. When the individual worker is conscientiously safety-minded the accident rate is held low but let him forget or brush safety aside then the rate is forced up.

The Safety Contest had 42 participants in 1948, a gain over the number actively entered in 1947. It is noteworthy that of the 42 in the contest, there were 16 plants who came through the year with the "No Accident" flag flying. It is hard to figure how the accident rates of the contest entrants compare with the accident rates of plants NOT entered in a program where the added incentive of friendly rivalry is present. Every superintendent should enter his plant in the SOGES Safety Contest. He'll find that such inter-plant competition produces commendable results at his own plant in that his men will be safety-conscious in striving for award consideration.

Oscar W. Olsen, SOGES Safety Committee Chairman, has repeatedly accentuated that there are too many preventable accidents which result in severe injury and heavy costs. Many a preventable accident has ruined an otherwise perfect record for many a grain handling or processing plant. All superintendents should stress better plant safety through suggestions, ideas and practices.

Congratulation to the winners in the various classes of the SOGES Safety Contest. Wholehearted commendation to the other members who competed through 1948; they tried their best to come up a winner. May all be award winners in 1949.



For a Good DAY

TO VISITING MEMBERS

in Minneapolis -

Stop at Booth B-15

That's where we will be meeting our friends, and yours, during the Society of Grain Elevator Superintendents' convention in the Nicollet hotel, Minneapolis, May 11 to 14. We will be happy to see you, have you visit our home office and plant, or show you some typical dust control installations located near by.



For 68 Years **DAY** Company has specialized in designing and building elevator dust control systems.

BRANCH PLANTS

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1948 S.O.G.E.S. Safety Contest Recap

As will be designated at the annual meeting of the Society of Grain Elevator Superintendents at Minneapolis, May 14, the winners of the Safety Contest are as follows:

CLASS I (over 250,000 man hours worked)—Trophy to Central Soya Company, Inc., Decatur, Ind. Dale W. McMillen, Superintendent. 934,341 man hours worked—10 lost time accidents, 441 lost time days—Frequency 10.07; Severity .47.

CLASS II (100,000 to 249,999 man hours worked) — Trophy to Pillsbury Mills, Inc., Clinton, Ia. Henry Green, Superintendent. 141,461 man hours worked—no lost time accidents.

CLASS III (60,000 to 99,999 man hours worked)—Trophy to Globe Elevator, F. H. Peavey & Company, Duluth, Minn. Oscar W. Olsen, Superintendent. 98,619 man hours worked—no lost time accidents.

CLASS IV (30,000 to 59,999 man hours worked)—Trophies to:

Uhlmann Grain Company, North Kansas City, Mo. Guy Ferguson, Superin-

tendent. 57,610 man hours worked—no lost time accidents.

The Ogilvie Flour Mills, Fort William, Ont. Donald MacDonald, Superintendent. 55,570 man hours worked—no lost time accidents.

The Early-Daniels Company, Beech Grove, Ind. Dunkin A. Welte, Superintendent. 48,763 man hours worked—no lost time accidents.

Archer-Daniels-Midland Company, Council Bluffs, Ia. C. F. Walker, Superintendent. 42,266 man hours worked—no lost time accidents.

Terminal Grain Corporation, Sioux City, Ia. H. L. Heinrichson, Superintendent. 35,599 man hours worked—no lost time accidents.

Rosenbaum Bros., Omaha, Nebr. J. T. Goetzinger, Superintendent. 30,804 man hours worked—no lost time accidents.

CLASS V (less than 30,000 man hours worked) Trophies to:

Pioneer Steel Elevator, Van Dusen-Harrington Company, Minneapolis, Minn. E. L. Dobbin, Superintendent. 29,930 man hours worked—no lost time accidents.

Lauhoff Grain Company, Danville, Ill. Harry Erickson, Superintendent. 29,208 man hours worked—no lost time accidents.

Star Elevator, Van Dusen-Harrington Company, Minneapolis, Minn. Emil Carlson, Superintendent. 27,286 man hours worked—no lost time accidents.

Kansas Flour Mills Company, Kansas City, Mo. W. H. Messersmith, Superintendent. 24,960 man hours worked—no lost time accidents.

Dickinson Elevator, Stratton Grain Company, Chicago, Ill. Logan Veatch, Superintendent. 17,101 man hours worked—no lost time accidents.

Evans Elevator Company, Champaign, Ill. F. M. Schwander, Superintendent. 16,415 man hours worked—no lost time accidents.

Nebraska Consolidated Mills Company, Omaha, Nebr. Donald Burke, Superintendent. 11,648 man hours worked—no lost time accidents.

Scoular Bishop Grain Company, Kansas City, Mo. Hugh King, Superintendent. 10,320 man hours worked—no lost time accidents.

Comparison	1948	1947	1946
Total Man Hours Worked	5,519,948	4,235,298	4,137,762
Total Lost Time Accidents	132	139	125
Total Lost Time Days	17,078	30,144	2,895
Frequency Rate	23.91	32.58	30.21
Severity Rate	3.09	7.12	.70

ACCIDENT SUMMARY — 1948

Key Number	Man Hours Worked	Lost Time Accidents	No. of Lost Time Days	Frequency Rate	Severity Rate
CLASS I (over 250,000 man hours worked)					
X-107	934,341	10	441	10.07	.47
C-2	968,157	17	402	16.51	.41
C-23	452,561	11	100	24.30	.20

CLASS II (100,000 to 249,999 man hours worked)					
K-136	141,461	0	0	0	0
G-52	122,785	1	1	8.14	.01
C-105	249,017	6	6023	20.07	20.17
K-88	239,980	5	14	20.62	.05
M-100	102,476	4	17	39.03	.16
F-19	136,771	7	72	51.18	.52
F-20	180,588	14	149	77.52	.82

CLASS III (60,000 to 99,999 man hours worked)					
D-22	98,619	0	0	0	0
S-49	88,654	1	4	11.28	.04
W-64	72,079	1	23	13.87	.31
X-119	66,523	2	55	30.07	.82
F-10	91,609	3	39	32.74	.42
K-115	68,400	3	17	43.84	.24
X-99	78,042	4	6092	51.25	76.78
D-3	98,604	6	23	60.95	.23

CLASS IV (30,000 to 59,999 man hours worked)					
K-1	57,610	0	0	0	0
F-142	55,570	0	0	0	0
X-120	48,762	0	0	0	0
H-57	42,266	0	0	0	0
X-92	35,599	0	0	0	0
O-31	30,804	0	0	0	0
A-50	56,654	1	11	17.65	.17
M-40	38,159	1	6	26.20	.15
M-131	30,019	2	12	66.62	.39
P-14	43,883	3	46	68.36	1.48
M-41	49,207	3	3034	69.04	69.13
M-37	33,143	3	45	87.49	1.36

CLASS V (less than 30,000 man hours worked)					
M-39	29,930	0	0	0	0
X-123	29,208	0	0	0	0
M-42	27,286	0	0	0	0
K-124	24,960	0	0	0	0
C-66	17,101	0	0	0	0
X-133	16,415	0	0	0	0
O-135	11,648	0	0	0	0
K-125	10,320	0	0	0	0
M-38	21,664	1	10	45.16	.46
X-81	15,201	1	7	65.78	.46
M-36	21,948	2	13	91.12	.59
M-25	17,371	2	4	115.13	.23

Records submitted by plants not entered in the contest—

Z-1	105,622	1	2	9.45	.19
Z-2	156,108	4	27	25.60	.37
Z-3	86,058	3	151	34.86	1.75
Z-4	210,695	9	182	42.76	.86
Z-5	6,190	1	6	163.16	.96

Fire Losses High in 1948

In addition to numerous small fires, a number of large disasters occurred in 1948. Some of them are here listed in chronological order. Jan. 3, Wallace & Morley Elevator Co., Elkton, Mich., damage, \$391,000; Jan. 16, Valley City Milling Co., Portland, Mich., damage, \$250,000; May 7, Arkansas Mills, West Memphis, Ark., damage \$270,000; June 10, the Honeyamead Mankato

Co., Mankato, Minn., damage, \$558,000; July 8, Wm. G. Scarlett & Co. warehouse, Baltimore, Md., damage, \$472,000; July 8, Postel Milling Co., Mascoutah, Ill., damage, \$275,000; July 27, H. W. Rickel & Co., Detroit, Mich., damage, \$1,057,000; Sept. 16, Colorado Milling Elevator Co., Jerome, Idaho, damage, \$743,000; Nov. 9, W. J. Small Storage Co., Kansas

City, Mo., damage, \$300,000; Nov. 10, Alberta Pool Elevators, etc., Spirit River, Alta., damage, \$480,000; and Nov. 30, Denver Elevator Co., Kelim, Colo., damage, \$400,000.

In all, the losses amounted to more than \$5,000,000. Owners are urged by the National Fire Protection Ass'n to observe safety precautions and try to make the losses smaller next year.



HOW TO GET REPRESENTATIVE GRAIN SAMPLES!

"There's only one sure way! And that's with a SEEDBURO AUTOMATIC SAMPLER! It collects a continuous sample of the entire car or cargo while loading in or out. Guesswork is eliminated.

"Here's a unit that can save money for you. It's the most accurate method known for securing a *true, representative* sample. I'll be glad to send you complete details on this SEEDBURO AUTOMATIC SAMPLER and how it will help you realize greater profits from the day it's installed. Just fill in the coupon and drop it in the mail today."

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SEE IT! The Seedbuero Automatic Sampler will be "at work" at the convention of the Society of Grain Elevators Superintendents in Minneapolis, May 11-14.

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618-626 West Jackson Blvd.
Chicago 6, Illinois

Seedbuero Equipment Company
618 W. Jackson Blvd., Chicago 6, Ill.

Gentlemen:

Please send me folder describing the Seedbuero Automatic Sampler.

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Firm _____

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City _____ State _____

RECORD WHEAT PLANTING

The annual report of the Department of Agriculture on seeding intentions, issued this afternoon, pointed to a new high record in plantings of all wheat for 1949. The report indicated spring wheat plantings amounting to 20,300,000 acres, as compared with seedings of 19,588,000 a year ago, or an increase of 3.6%.

With the record plantings of 61,370,000 acres of winter wheat reported last December, the total indicated acreage in wheat for this year is 81,670,000 acres, the largest in history. This would be 5% larger than the area of 77,749,000 acres planted last year and 24% above the '38-47 average. The indicated acreage would be 4% larger than the previous record of 78,169,000 acres in 1947.

The indicated seedings of wheat for 1949 are about 10,000,000 acres larger than the recommended goal by the Department of Agriculture for 1949.

Wheat Crop, 1,256,000,000 Bus.

The Agricultural Department said that on the basis of the indicated spring wheat plantings and the average yields of 1938-47, the spring wheat crop would be about 291,000,000 bus. This, with the approximate indication of 965,000,000 bus on winter wheat, with the forecast last December, would make the total 1949 wheat crop about 1,256,000,000.

The total crop, thus indicated would compare with the harvest of 1,288,406,000 bus in 1948 and the record of 1,367,186,000 bus in 1947. In view of the favorable winter wheat conditions and good supply of moisture in the spring wheat states, the possibility of a new record crop in 1949 is visioned by some trade interests.

STALEY SAFETY RECORD SET

Achieving a lost time accident frequency rate of 4.8 accidents per million man hours in 1948, the A. E. Staley Mfg. Co., Decatur, Ill., bested their previous record of 7.5 accidents per million man hours set in 1947.

LABORATORY METHODS TO BE DISCUSSED BY CEREAL CHEMISTS

Harry Obermeyer, General Mills Inc., will preside over a special technical session on laboratory methods at the 34th annual convention of the American Association of Cereal Chemists to be held in the Hotel Statler, New York City, May 16-20th.

Dr. F. C. Hildebrand, General Mills Inc., Mr. Lawrence Zeleney, U. S. Dept. of Agriculture, Mr. R. C. Koehn, General Mills, Dr. Betty Sullivan, Russell-Miller Milling Co., Dr. Eric Kneen, Kurth Malting Co., Dr. W. F. Geddes, University of Minnesota and Mr. C. W. Brabender, Quartermasters Food and Container Institute, are some of the foremost authorities who will appear on this program devoted to developments in laboratory methods and testing devices.

Changes in methods, the service of laboratory analysis to the cereal processing industry, the status of sanitation methods, the evaluation of methods and instruments for cereal laboratories, malt testing equipment and a special device for measuring compressibility and elasticity of bread crumb will be subjects covered by the papers presented in this session.

Reliable testing methods have accounted for much of the cereal chemists progress in serving industry. This part of the program will be of interest to every chemist working with cereals and other food products.

CORN PLANTING DOWN

The smallest corn acreage in over 50 years is indicated by farmers' intentions as of March 1, the U.S. Crop Reporting Board reported March 21. This year's prospective 84,809,000 acres is nearly 2% below last year's 86,196,000 acres planted and compares with the 10-year 1938-47 average of 90,590,000 acres planted. The expected 1949 acreage is somewhat below this year's goal of 86 million acres. Declines are expected in all parts of the country except in the western states.

ELEVATOR MEN AND CCC DIRECTORS MEET

Rates for the 1949-50 uniform grain storage agreement were discussed at a meeting of country and terminal elevator representatives and officials of the Commodity Credit Corporation on March 25-26 in Chicago. Elevator men submitted statements showing costs increases during 1948 and stated that if present legislation on wages and hours is passed that their costs will increase further. CCC officials said that full consideration would be given the statements submitted and other data expounded by the elevator groups. They also suggested that at a later date a small committee of elevator representatives might find it advisable to go to Washington for further consultation. Charles Winters, 1st vice-president of the Society of Grain Elevator Superintendents, was one of the representatives of the terminal elevator commission.

WHEAT AGREEMENT SIGNED

A four-year International Wheat Agreement has been drawn up and signed by delegates from 42 countries. Under the provisions of this agreement, five major exporting countries, The U. S., Australia, Canada, France, and Uruguay, are to export 454,446,203 bushels of wheat annually to 37 importing nations.

The feasibility of such a pact has been questioned by analysts. Since some nations have been suspected of deliberately making their requests lower than they should, and since both Russia and Argentina have refused the agreement, it is almost inevitable that out of agreement trading will take place, thus disrupting the plan.

On the whole, the plan does not seem desirable for the United States, as the government will undoubtedly have a prohibitive subsidy to make, due the ceiling price of \$1.80 per bushel, Fort William, Ont., basis. Also, the instability of wheat prices from year to year makes long-range prediction impossible, and the plan does not take this factor into account.

ODT 18A ORDER SUSPENDED

The Office of Defense Transportation has continued the suspension of ODT 18A, the wartime regulation which set minimum carload requirements at 60,000 pounds thus permitting box car loadings at the pre-war minimum of 40,000 pounds. The new suspension runs until June 30 when controls under the order will be permitted to lapse.

WINTER WHEAT CROP SECOND LARGEST

The second largest winter wheat crop in the history of the United States was forecast for 1949 in the April crop report of the Department of Agriculture. A total production of 1,019,686,000 bushels is estimated, 40% larger than the 1938-1947 average winter wheat crop of 726,563,000 bushels.

GRAIN-ELEVATING FEE INCREASED AT BUFFALO

The maximum charge for elevating grain by Buffalo storage elevators has been increased from 1½¢ to 1⅞¢ bu. with the exception of flax, for which the new maximum rate is 2¼¢ bu., an increase of 50% from the previous maximum.

The increases were permitted in a bill which Gov. Thomas E. Dewey signed into law March 8.

The law has no effect on charges at Oswego because provisions of the measure apply only to cities of more than 130,000 population. The Buffalo trade has charged that the state-owned elevator at Oswego offers unfair competition because of lower state-sponsored handling rates. The Oswego elevator charges a maximum of ¾¢ bu. for handling grain.

CARLOADINGS

According to the report of the Association of American Railroads, cumulative carloadings of grain and grain products totalled 519,992 cars. The period shown is for the 12 weeks of 1949 to March 26. During the corresponding period in 1948 cars loaded were 473,092, 9.9% under 1949. In 1947 cars totalled 637,273 or 18.4 over 1949 in the same period.

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Remove the more explosive fine dust from the leg by continuous gravity action

WILL

Release pent-up gases and flames in case of an explosion

WILL

Minimize the possibility of a secondary explosion by continuously venting gases

ROBERTSON Ventilation Engineers

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Inspect your elevator and recommend proper sizes and number of ventilators to secure maximum protection at minimum expense.

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Pittsburgh, Pa.

A Personnel Job for Management

MANAGEMENT'S personnel job is to obtain capable people, utilize their efforts most effectively, and to provide maximum satisfaction for each individual so as to maintain his willingness to work.

The problems of personnel management are similar in all types of organizations, regardless of size. A small organization differs from a large one in matters of personnel mainly in that here the manager is also the personnel manager.

To see that this is not an unnatural arrangement, let us look at the relationship between management in general and personnel management.

By observing and studying organizations over the years, the following elements of functions of administration are discovered: Planning, organizing, commanding, coordinating and controlling.

Planning means laying out the objective or job to be done. Organizing means finding and arranging men

DAVID W. BELCHER
University of Minnesota

and materials to carry out the plan. Commanding means setting the organization to work and keeping it working in accordance with the plan. Coordination means bringing the disconnected efforts together. And controlling means constant check of results.

It is apparent that all of these functions can only be accomplished through people—that there is no organization apart from the personnel. These five elements or functions are the jobs of management. Putting them all together we might say that management is "the relating of efforts and capacities of individuals in such a way as to secure the desired objective with the least friction and the most satisfaction to those for whom the task is done and those engaged in the enterprise."

Rules for Management

To accomplish the jobs assigned to management, there are a few rules that need mentioning in that they must be followed to make management effective.

1. There should be specific authority regarding each activity and it should be known to everyone.

2. There should be individual responsibility for results, likewise known to everyone.

Another way of saying this is that the manager must have authority as well as responsibility. Applied to handling people, this means that the manager must have the authority to hire, train, supervise, and discharge his men if he is to be responsible for results—and this authority must be known to everyone.

This principle was set forth in the Bible as "a man cannot serve two masters." And the modernized version is "a man cannot work effec-

FROM THE ATLANTIC TO THE PACIFIC --- CANADA TO MEXICO

ELEVATOR and Grain Mill Men have ordered and re-ordered the BENSON—the original ALL-METAL grain shovel—because its efficiency and economy have been proved in actual use. Whether you require one or a

number of grain shovels, the BENSON will save you time and money—without any danger to laborers or lost time through breakage.

A BETTER AND EASIER WAY

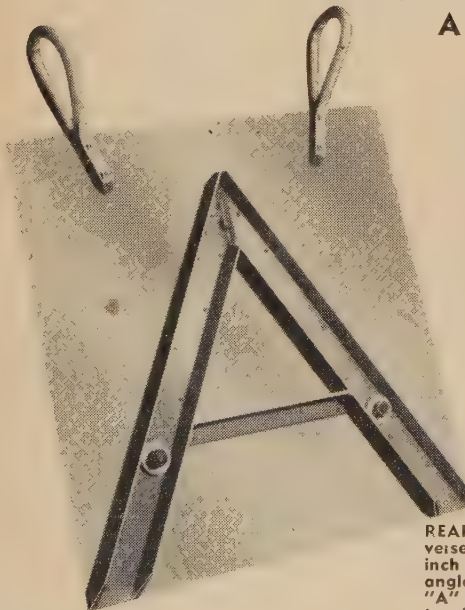
The BENSON Power Shovel was designed by and for practical grain men who knew that there must be some better way of unloading grain cars. Because it is made of lightweight aircraft metal (weighs only about 19 lbs.), and is scientifically braced to withstand strain, it makes operation easier and faster, facilitates "car clean up," and has PROVED in actual use to be most economical—by reducing your shovel repair and maintenance costs.

NEW PRICES

Standard—30" x 30" \$30.00
Medium—30" x 32" 33.00
Large—30" x 34" 36.00
All Prices F.O.B. Fort Worth
SHOVEL HANDLES — made of aluminum alloy — \$3.00 per pair.

REAR VIEW shows reverse side bracing of 3-inch channel and 1½" angle welded into an "A" frame and riveted to shovel plate.

FRONT VIEW shows perfectly smooth metal construction of the front surface, with cast steel hooks for attaching cables.



Order from Your Local Supplier or Jobber
BENSON POWER SHOVEL CO.
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tively for more than one boss at a time."

Some more rules of management are:

3. Delegation of authority and duties must be clear and definite.

4. There should be cooperation between men and management obtained through understanding — (i.e., employee understanding) of policies of management and the management understanding the sentiments and the opinions of employees.

5. There should be adequate supervision, inspection, and measurement of results and rewards.

6. There should be central control and coordination by the manager's office.

These rules as well as the elements of management are as old as organizations. And it is interesting and significant that they are merely another way of saying: "Management is concerned with two major resources, manpower and materials." Or "All managers are personnel managers."

Personnel and Human Relations
Personnel administration, then is

primarily concerned with maximizing the effectiveness of manpower. The distinctive feature of modern personnel administration is continuous evaluation of policy and practice — to leave as little as possible to chance. The results of personnel practice are usually judged in terms of costs and profits. But human relations are important determinants of these costs and profits.

The importance of human relations was discovered in the famous Western Electric studies where it was shown that making people feel a part of the personnel experiment was more important in determining output than were such factors as increased or decreased illumination, good or bad ventilation, rest periods or lack of them, etc. It was found, for instance, that any change in working conditions increased output as long as employees were consulted and advised a change was taking place.

These studies and many more since then have shown that the major factor in willingness to work was the knowledge by workers that their

interests were being considered.

The lesson to be gained from These experiments is that management has much to gain by considering the workers' as well as management's viewpoints.

Unfortunately management often thinks in terms of employees' willingness to work as influenced only by wages and has underestimated the importance of other satisfactions. By these I mean: protection from insecurity, a chance to learn, the opportunity to advance to the limit of one's abilities, the privilege of using one's own ideas where they do not conflict with standard practice or policy, current knowledge of one's progress, recognition of accomplishments and contributions, social satisfactions from one's associates, fair treatment, and information about the organization's activities, progress, and contributions to society. It is worthy of note that in surveys of employees' attitudes, wages seldom are ranked better than fifth place on the scale of what makes a job satisfactory.

Douglas



YOUR FUMIGATION PROBLEMS



What is your grain fumigant problem? As far back as 1916, grain handlers and elevator operators were bringing their individual fumigant problems to Douglas Chemical & Supply Company. Through the years, Douglas technicians have given personal attention to thousands of separate and different cases. Frequently, in finding the correct solution, new or improved methods are discovered. You benefit from this source of improvement when you order Douglas fumigants and insecticide sprays.

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Management Failures

All managers are personnel managers. But all managers are not successful personnel managers. There is a number of reasons why managers fail in human relationships. These reasons may be summarized as follows: (1) Habits and inertia; (2) "Too busy" (often with the wrong activity); (3) Because they are poor listeners; (4) Failure to consider the workers' viewpoint; (5) The failure to be objective; (6) Because they are bosses in name only. It should be remembered that authority is granted from the bottom up as well as from the top down and that unless the manager has the respect of his employees, his authority is, in effect, limited.

Steps to Improvement

In general, there are six things that a manager can do to improve employee relationships: (1) He can develop the employee's pride and confidence in the organization and the product or service; (2) He can sell employees on their role in the organization. This should be explained to all employees and they should be made to see why it is to their advantage to cooperate in the plans. They should be told what is expected of them in the way of job performance, and more important, they should be told how successful

their performance is; (3) The manager should always consider the worker's viewpoint; (4) He should give credit where due and if possible see that the worker gets the benefit of any border-line cases. One of the great human needs is for recognition and credit; (5) He should take time to appraise the results of the plan; (6) He should share the results of his experience with other managers.

Then there is a number of things that a manager of a small organization can do.

Uses of the personnel audit. This is an appraisal or inventory of the unit's personnel policies and practices. The process is very similar to taking inventory, taking a profit and loss statement, or counting cash.

Use the periodic interview with employees. Form a habit of making little memos to be placed in the employee's file whenever he has done something especially noteworthy, or in cases where discipline was required.

Use simple job analyses and written job descriptions. These should make the job easier and better known and will let the employee know what is expected of him. It is also helpful and desirable to have organization charts for use in selection, training, promotion, and transfer.

Use improved training methods. Training should be a continuing process, for jobs change, workers change, and materials and processes also change. There are four generally accepted training principles. They are, training involves preparation of the lesson, presentation, performance by the trainee, and follow-up by the manager. In checking the effectiveness of the training processes, a special attempt should be made to correct errors and clear up misunderstandings.

Staff Meetings

It might be advisable to have regular staff meetings. This not only gives the employees a chance to find out about administration and policy but also enables management to discover ideas. The spirit that arises from a staff conference often has a decided effect upon employee willingness to work and thus costs.

Make sure that you have a two-way communications system and that ideas can flow from employees to management as well as the other way.

Use terminal interviews. When an employee leaves, something may be wrong with the personnel policy and practice. Try to find out what is wrong.

Improve public and community relationships. This is important for recruitment of workers and very important for the prestige and morale of those already working in the establishment.

Improve working conditions.


Improve discipline and grievance procedure. Do not criticize an employee in front of other employees. Do not be punitive, and make certain that the employee understands why the disciplinary action is necessary and the reason for the rule he has broken.

Alternate workers on monotonous jobs.

Act promptly on employee suggestions and let them know why or why not the suggestion was adopted.

Treat employees as individuals and consider their special problems and requirements. In this connection, always tell employees about changes that are to be made affecting their

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work before the changes are actually made.

Always remember that small organizations in particular are judged by their individual representatives.

You cannot afford to have any "weak sisters" either among the permanent or temporary help. This is particularly important with respect to those employees who come in contact with the public. Industrial relations and public relations cannot be separated.

Let us agree, then, that personnel management in a small organization succeeds or fails with the manager. He should work to make manpower control as important as the other controls with which he is concerned. The personnel program cannot be left to chance. It must be planned so that it will pay off. In this planning, however, considerable attention must be given to the worker's viewpoint. The manager should not try to succeed in spite of the employees but should work with them for their joint success. The personnel job must be performed each day. It cannot be relegated to a once-a-week period. One of the greatest assets of a small organization is the team spirit that can prevail. Maintaining and improving this spirit is a continuous job. Success is lasting only when an entire organization is properly selected, trained, and led; when it has unity of objectives; and when these objectives are coordinated with the needs and desires of those in the organization. Perhaps the greatest need in small organizations is to recognize the vital importance of a proper personnel program and the contribution this can make to success or failure of the organization.

(An address given before the Minneapolis S.O.E.S. Chapter.)

CHICAGO CHAPTER LADIES' NIGHT

The annual ladies' night party of Chicago Chapter S.O.G.E.S. was enjoyed by over 150 members, their wives and friends Saturday night, March 19, at the South Side Swedish Club.

It was a gala occasion from the moment of arrival when Rudy Skala,

R. J. Skala & Co., chairman of the entertainment committee, warmly welcomed all guests and Russ Maas, of Screw Conveyor Corp., graciously presented each lady with an orchid corsage. After that good-fellowship held sway until the bountiful smorgasbord festivities were announced.

Lively entertainment was furnished by Lois and her accordion during the early part of the evening after which a stringed orchestra furnished a delightful musical program and dancing was enjoyed until a late hour.

A burlesque presentation "Truth or Consequence" furnished variety. Star participants as subjects were Emil Buelens, Glidden Co.; Sid Cole, Industrial Erectors, Inc.; Harry

T. McKay, Westinghouse Electric Co.; Harry Hanson, Glidden Co., and Dean M. Clark, Grain, S.O. G.E.S. secretary. The laughs evoked by their antics were loud and long, and flashlights were popping all over the place as photographers scrambled to get pictures that without a doubt will be passed on down to posterity.

Members of the entertainment committee, with Mr. Skala and Mr. Maas were Dale Wilson, Northwestern Malt & Grain Co.; Harry Hanson; Lou Gillan, Corn Products Refining Co.; Lloyd Forsell, Albert Schwill & Co.; Bob Henderson, Arcady Farms Milling Co.; Sidney I. Cole; Andy Anderson, Norris Grain Co.

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"I believe that every individual who can possibly do so should buy more U. S. Savings Bonds. These bonds represent one of the best investments of our time."

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Congress of Industrial Organizations**

"The C.I.O. has endorsed every effort to encourage the worker to put more of his earnings into U. S. Savings Bonds. They represent both security and independence."

**CHARLES F. BRANNAN
Secretary of Agriculture**

"I am heartily in favor of the Opportunity Drive to buy more U. S. Savings Bonds. Everyone engaged in farming should recognize the importance of a backlog of invested savings as a means of realizing the agricultural opportunities of the future."

If you haven't been buying Savings Bonds regularly, start now.

If you have been buying them, add an extra Bond or two to your purchases this month and next. Remember—you'll get back \$4 for every \$3 in a short ten years' time!

DURING MAY AND JUNE, the U. S. Savings Bond Opportunity Drive is on! It is called the Opportunity Drive—because it is truly an opportunity for you to get ahead by increasing your own personal measure of financial security and independence.

PUT MORE OPPORTUNITY IN YOUR FUTURE... INVEST IN U. S. SAVINGS BONDS



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Internal Maintenance of Boilers

INASMUCH as water as occurring in nature is "impure", water analyses and water conditioning will always be a MUST. Regardless of source, water contains impurities in solution or suspension. It is the control of these impurities that makes water conditioning essential.

The formation of scale and sludge deposits on boiler heating surfaces is the leading water problem encountered in steam generation. Scale is a non-conductor of heat. Its presence, therefore, is equivalent to laying a film of insulation between the source of the heat and the boiler water. This retards heat transfer and causes loss in boiler efficiency. Stack gas temperature may also increase.

Boilers Differ

In the past, various substances such as kerosene, molasses, and potato peelings were used as "cure-alls". Even today, "boiler compounds" are guaranteed to prevent any and all difficulties arising in boiler water. Actually, it is physically impossible to treat all boilers with one "cure-all". Every boiler is individualistic, and specific chemicals are required for specific problems.

The most common source of difficulty with boiler scale are salts of calcium and magnesium. External treatments such as lime-soda, zeolite, and hot phosphate softening, have, as their object, the reduction of calcium and magnesium content of the water. The removal of oil and silica may also be classified as an external

I. J. EVINS

problem. Internal chemical treatment is used to prevent deposit and scale formation from the remaining residual hardness concentrations in feed water and to maintain clean boiler heating surfaces.

To Prevent Baking

In order to prevent calcium and magnesium salts from baking onto evaporative surfaces, internal treatment aims toward precipitating these salts in a favorable form as sludge, and maintaining this sludge in fluid form to be removed by boiler blowdown. Calcium is considered a more difficult problem than magnesium since the latter is precipitated by alkalinity to form a flocculent sludge of magnesium hydroxide.

Corrosion and pitting in boiler systems can cause deterioration and failure of equipment. They are due to any or a combination of any of the following. Dissolved gases, acidity, electrolysis.

Gases Troublesome

Oxygen, carbon-dioxide, ammonia, and hydrogen sulfide are among gases that cause trouble. Carbon-dioxide usually does not cause corrosion in the boiler itself, but in the return lines. Specific chemicals for each of these can be the solution.

Corrosion due to acidity is frequently encountered but easily handled by maintaining a pH of 10.5 or over in the boiler water.

Electrolysis involves the exchange of electrons between two dissimilar metals in the presence of an electrolyte. Boiler water is an excellent electrolyte so a current between two points is easily established, the metal higher in the electromotive series going into solution. Pitting and corrosion due to this is difficult to distinguish from that due to oxygen. Before assuming electrolysis as the troublemaker, it is advisable to eliminate all other possibilities. Then the assistance of an electrical engineer should be sought, for electrolysis can be induced by proximity of power lines, improper grounding of nearby machinery, and other sources of induced current.

Boiler Blowdown

Blowdown of a boiler is simply ejecting a portion of the water from the system. It is used to remove dissolved and suspended solids from the water. The amount of blowdown varies with each plant and is easily calculated from the following formula:

$$\frac{\text{Chlorine in feed water}}{\text{Chlorine in boiler water}} \times 100 = \% \text{ blowdown}$$

The care and maintenance of a boiler is a full time operation. It is useless to prescribe various chemicals regardless of their efficacy unless close control can be established. Frequent testing and analyzing of water samples is necessary to aid the stationary engineer. Proper care, however, is now recognized by industry as a MUST in reducing cost of operation.

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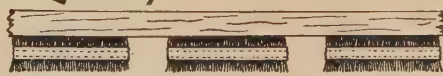
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- Betz, W. H., & L. D.
- Handbook of Ind. Wat. Con.
- Powell, S. T., Carpenter, L. V.
- & Coates, Ind Eng. Chem.
- Hayman, R. D., So. Power & Ind.

(Mr. Evins is a member of the Chicago chapter, S.O.G.E.S. and secretary-treasurer of the Adair Supply & Chemical Co., Chicago.)

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This is the broom that is used by most large terminal elevators for sweeping grain out of box cars.

Brushes for Every Commercial and Industrial Use

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CONTINENTAL BUYS 43 COUNTRY ELEVATORS

Purchase of a line of 43 country elevators in Kansas, Oklahoma and Nebraska with an aggregate grain storage capacity of approximately 800,000 bushels, was announced by officials of the Continental Grain Co. With the acquisition of these elevators, the Kansas City division of Continental will own or operate a total of 120 elevators in the above states and Missouri. The Omaha office operates an additional group of 27 elevators. Continental has aggregate terminal and country elevator storage of more than 36 million bushels in the United States.

WICHITA ELEVATOR ADDS STORAGE

One million bushels of storage capacity is being added to the 750,000 bushel elevator owned by the Farmers Cooperative Commission Co. in Wichita. Work was started in January and the plant is expected to be completed by June. This additional storage space will give the organization a total capacity of 5,250,000 bushels.

PLAN ADDITION AT DIGHTON

The Farmers Cooperative Elevator & Mercantile Co., it is announced, have decided to build a 300,000 bushel addition to its 250,000 bushel plant at Dighton, Kansas.

WESTERN STAR ADDS STORAGE

Western Star Mill Co., Salina, Kansas, is building additional storage capacity of 300,000 bushels adjacent to its present storage capacity at 442 N. Ninth Street.

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LAKEWOOD ELEVATOR TO OPEN

The Lakeheads second largest grain elevator, Saskatchewan Pool Terminal, will be opened shortly to provide much needed grain handling facilities for the pool. The terminal is a combination of old pool No. 4 and a section of the storage annexes of pool No. 5, which were partially destroyed by fire in 1945. The capacity of the "new" elevator is 8,400,000 bushels.

DES MOINES STORAGE ADDED

Announcement was made recently by the Farmers' Grain Dealers Assn. that the company will add 830,000 bushels capacity to their present 750,000 bushels storage capacity at an estimated cost of \$425,000. The new structures are scheduled for completion in time for the new corn crop in October.

SPARK SETS OFF DUST EXPLOSION

A spark from an overheated motor caused an explosion of dust in a collector atop the Buffalo Flour Mills Corp.'s concrete elevator March 11 that shook the structure, the concussion bulging the 25 ft. concrete cupola housing the collector. Fifty men at work in the elevator escaped uninjured. Fire that followed the explosion was extinguished quickly by automatic sprinklers. Damage was estimated at \$5,000, considerable loss due to water which flooded the elevator, damaging machinery and flour.

SAVE ELEVATORS IN MILL FIRE

Fire which destroyed the Dodge City Mills, Dodge City, Kansas, was kept from adjoining elevators which had 250,000 bushel capacity. The fire started with a dust explosion on the 4th floor of the mill and estimated loss is set at between \$500,000 and \$1,000,000, partially covered by insurance. The plant is a unit of the Colorado Milling & Elevator Co., Denver.

**Your Hotel Reservation
REMEMBER ?**

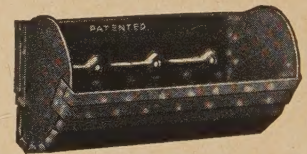
COST OF ACCIDENTS SET AT 3 BILLIONS

Industrial accidents cost employers more than 3 billion dollars in 1948, the government has estimated. Ewan Clague, commissioner of labor statistics, said the total cost probably is double that figure, if expenses to the injured workers and to the public in relief payments are included.

Clague told the President's industrial safety conference that 16,500 workers were killed in industrial accidents in 1948, 1,800 permanently disabled, 83,700 partially crippled, and 1,858,000 others injured enough to cause them to lose one or more days work. While this toll is heavy, it was the best safety record since 1940.

CHARLES F. WALKER ILL

Charles F. Walker, superintendent of Archer-Daniels-Midland Co. plant at Council Bluffs, Iowa, is reported ill and under hospital care. Mr. Walker served several years as an SOGES director and is a former president of the Omaha-Council Bluffs chapter.



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SUPERIOR ELEVATOR CUPS
ARE
MADE STRONGER
WILL
LAST LONGER
HAVE
GREATER CAPACITY**

and will operate more efficiently
at less cost than other elevator
cups.

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**K. I. WILLIS CORPORATION
MOLINE ILLINOIS**

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VENEZUELAN GOVERNMENT BUYS STEINLITES

The Venezuelan Government for its corn storage program, now in its second year, has recently ordered forty sets of grain testing apparatus from Seedburo Equipment Co., Chicago, Ill. This equipment will be installed in forty different elevators in Venezuela, with capacities ranging from 700 to 2,000 metric tons. Corn will be the principal grain handled.

Seedburo had to contend with a somewhat unusual grading problem in this instance because of the high temperatures and humidity prevailing. All corn must be accurately checked for moisture content at the time of purchase and during storage, to keep it from going out of condition. The Steinlite proved to be the most practical instrument for accurate moisture control. As a result, the Venezuelan government has standardized on the Steinlite, the outstanding moisture tester used throughout the United States and abroad.

NEW JENNINGS ELEVATOR

A new elevator designed by C. D. Jennings is being erected at Leoti, Kansas, by the C. D. Jennings Grain Co. The structure of 225,000 bushel capacity will be the largest of its kind in Wichita County and is of the same design as the company's big elevator in Bucklin, Kansas. Plans call for completion by harvest time.

C.C.C. GRAIN PURCHASES

Cumulative purchases since July 1, 1948 (through March 25, 1949) total:

Wheat, 278,196,471 bushels;
Flour, 1,319,670,000 pounds (28,884,826 bu. wheat equiv.); Barley, 17,198,104 bushels; Grain Sorghums, 12,487,970 bushels; Rye, 4,440,397 bushels; Oats, 4,740,960 bushels; Corn, 61,832,575 bushels.

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KANSAS CITY ON PARADE

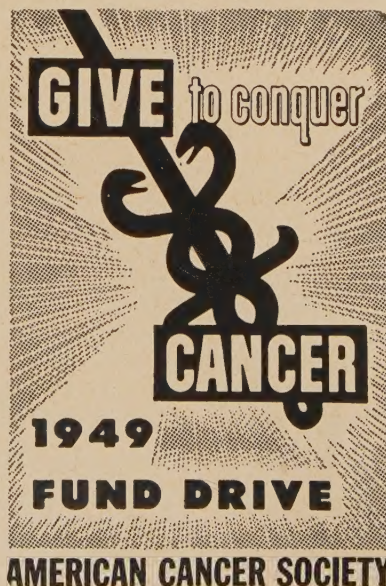
From one elevator of 100,000 bushel capacity, erected in 1871, the Kansas City market has developed to the point that includes 41 grain handling industries with storage capacity of 61,632,000 bushels. The story of Kansas City's development and service as a grain market was presented during the Chamber of Commerce presentation of "Kansas City on Parade" which featured weekly series of highlights about the city on radio and through business luncheons. Prepared in connection with the program was a booklet entitled "Grain Marketing Efficiency, the Story of the Kansas City Board of Trade." Display boards were set up to show that Kansas City ranked: **First** as a winter wheat market; **First** as a feed distributing center; **Second** greatest grain center; **Second** greatest terminal elevator storage center; **Second** greatest flour milling center; **Second** greatest feed manufacturing center.

A-D-M SUPER DIES

Harry Stollberg, superintendent of Archer-Daniels-Midland's Milwaukee elevator died recently of a cerebral hemorrhage. Mr. Stollberg was 58 and had been at the Milwaukee plant since 1935.

WESTMORELAND RETIRES

T. H. Westmoreland, who retired recently as general superintendent of Peavey Elevators, was presented with a traveling bag for his trip to England by the company.



INDUSTRIAL ERECTORS CELEBRATE 20th ANNIVERSARY

The Industrial Erectors, Inc., Chicago, justly proud of their record as the first exclusive erectors of materials handling equipment, structural supports and production machinery, are celebrating their 20 years of service. Organized in 1928, the company completed more than 10,000 contracts in this period and figured prominently in the plans of more than 6400 plants. Key men in the Industrial Erectors organization have a total of 1050 years as engineers, erectors and machinery construction men, and the firm, in the 20 years that have passed, has grown to be the largest in their field in the United States.

BUFFALO FIRE

An explosion in a dust collector caused by an overheated motor bearing resulted in damage of \$5000 to the Buffalo Flour Mills Corp., Buffalo, on March 11. The blast shook the six-story concrete elevator and considerable damage was done to machinery and flour by water.

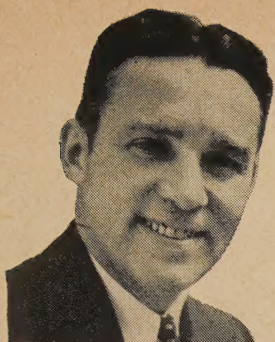
RALPH ROBINSON PROMOTED

Ralph L. Robinson, Imperial Belting Co., Chicago, Ill., has been promoted to district manager according to announcement by the company. Mr. Robinson, a member of the Chicago SOGES Chapter, will headquarter in Detroit to service that area with Imperial Inner-Locked Belting.

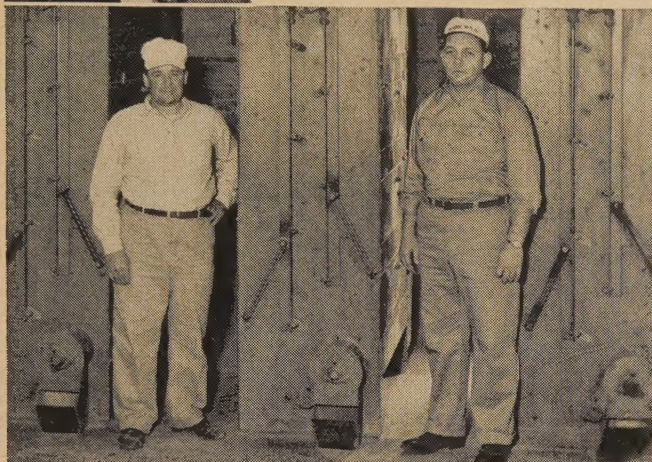
SAVE ELEVATOR IN FIRE

A 500,000 bushel concrete elevator with headhouse was saved from the fire that destroyed the brick flour mill of Dixie-Portland Flour Mills, Richmond, Va. Plant loss and contents loss amounted to close to one million dollars.

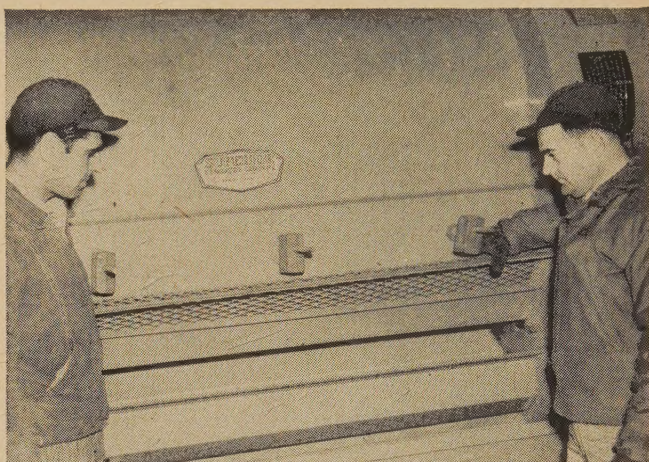
Competent Manager Wanted: Experienced in elevator and feed mill operations, to supervise 100,000 bushel elevator of modern concrete construction, and operation of feed mill shellers, driers, etc. Wonderful opportunity for young man who can start Sept. 1. Write AP49, GRAIN, 327 S. LaSalle St., Chicago 4, Ill.



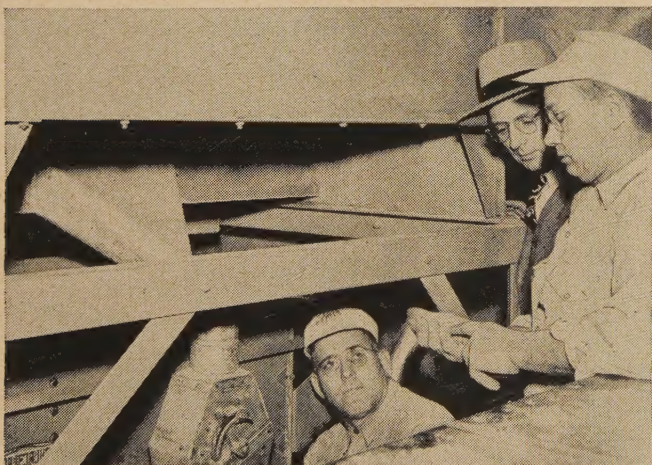
"These men can tell you...**SUPERIOR** grain cleaners are 4 ways better!"



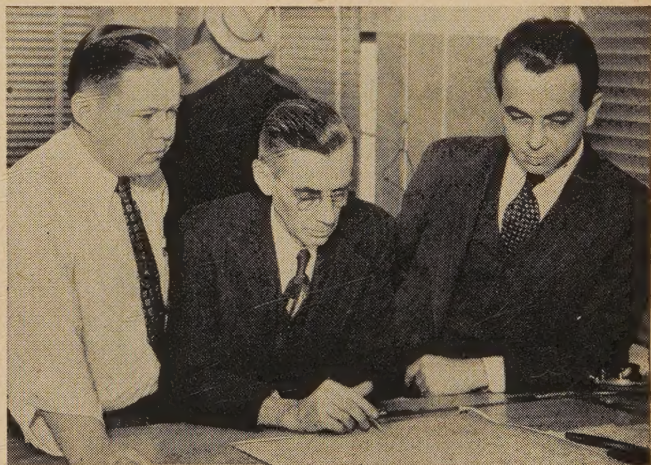
WANT MICRO-ACCURACY? These Superior S 14 Width Graders installed in the National Oats Co. mill at Cedar Rapids, Iowa, are fitted with Superior's famous slotted screens, precision cut for unbelievably accurate gravity width separations. Simple in design, few moving parts, with ingenious rubber belt wipers to keep screens clean. A. S. Vermeersch, company secretary, says, "In our business we have to have precise, accurate separations. Superior machines give us this."



WANT SUPER FLEXIBILITY? Simple controls with flexibility of adjustment on this Superior "Country General 7" keep grain flow even and separations correct to the last kernel. Installed at the Kragnes Farmers Elevator and Mercantile Co., Moorhead, Minnesota, this machine operated by Melvin Utte and R. W. Scott, pictured here, can at one time, and at full capacity, separate oats, wheat, medium length wheat, short length grains and small seeds from one another.




WANT HIGH CAPACITY? Superior sales manager Ira Willis checks the performance of this Superior AS 60 Aspirator with Superintendent A. W. Allred and A. H. Wilmes of Priority Mills, Minneapolis, Minnesota. This heavy-duty aspirator cleans hulls, dust and light screenings from enormous quantities of grain. With two double air ducts it can handle from 400 to 600 bushels per hour. Unusually high capacity in compact space is a famous feature of the whole Superior Line.



WANT REAL SERVICE? From engineer's drawing board to actual installation in your plant every Superior grain and seed machine is "tailored to measure"—not only for peak performance, but also through special adjustments to fit into the specific requirements of your own individual operation, taking into account local grain conditions, working space, funds and need for capacity. Superior makes sure you're satisfied before you pay . . . and keeps you satisfied with quick, helpful service.

WRITE for Superior's Installation Proposal Form and full details about Superior's complete line of machines for precision cleaning, grading, scalping and aspirating of grains and seeds.

SUPERIOR
SEPARATOR  **COMPANY**
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Remember!

TIME IS THE *Only* TEST TUBE FOR DETERMINING THE MERITS OF *Any* METHOD OF REPAIRING AND WEATHER-PROOFING

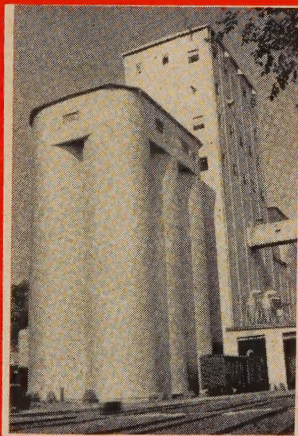
And just what does time have to say about repairing and weather-proofing by the B. J. Many Company, Inc.?

Here's what: elevator structures repaired and weather-proofed by the B. J. Many Company, Inc. fifteen and **more** years ago are today in a fine state of preservation . . . unaffected by moisture . . . providing maximum protection throughout the years for structures and grain they contain.

That's why we continue to use time tested and proven methods and materials.

Write for literature fully describing B. J. Many Company Inc. dependable time tested methods that assure a **lasting** job.

Your structures inspected and cost estimate for essential repairs submitted without obligation on your part.



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